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(HC)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/173, 582 10/15/98 RANGAN

G VN-169RI

LMD1/0201

EXAMINER

ALAN R LOUDERMILK
10950 N. BLANEY AVE.
SUITE B
CUPERTINO CA 95014

TO IN P	ART UNIT	PAPER NUMBER
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2732
DATE MAILED:

02/01/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.	09/173,582	Applicant(s)	Rangan et al.
Examiner	DANIC, TOM	Group Art Unit	2732

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication .
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- Responsive to communication(s) filed on 10/15/98.
 This action is FINAL.
 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 1 1; 453 O.G. 213.

Disposition of Claims

- Claim(s) 1 - 141 is/are pending in the application.
Of the above claim(s) _____ is/are withdrawn from consideration.
 Claim(s) 1 - 57 is/are allowed.
 Claim(s) 58 - 141 is/are rejected.
 Claim(s) _____ is/are objected to.
 Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- The proposed drawing correction, filed on _____ is approved disapproved.
- The drawing(s) filed on _____ is/are objected to by the Examiner.
- The specification is objected to by the Examiner.
- The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - All
 - Some*
 - None of the CERTIFIED copies of the priority documents have been received.
 - received in Application No. (Series Code/Serial Number) _____.
 - received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

Attachment(s)

- Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- Interview Summary, PTO-413
- Notice of References Cited, PTO-892
- Notice of Informal Patent Application, PTO-152
- Notice of Draftsperson's Patent Drawing Review, PTO-948
- Other _____

Office Action Summary

Art Unit: 2732

1. Claims 58-141 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 58, line 13, "data" are not clear. They seem to refer back to "at least same data" recited at line 11. If this is true, it is suggested to change "data" to --the at last ^{least} same data". Similar problem exists in claim 100.

Claims 59-99 and 101-141 are rejected since they depend from claim 58 or 100.

2. Claims 1-57 are allowed.

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ohkawa (5,946,307), Wakeman et al. (5,790,786), and Elliott (5,751,724) are all cited to show a multi-media access controller circuit for network hubs which are considered pertinent to the claimed invention.

4. Any inquiry concerning this communication should be directed to Dang Ton at telephone number (703) 305-4739.

DT/ayc

January 18, 2000

DANG TON
PRIMARY EXAMINER